



Fact Sheet

Proper Storage and Management of Solid or Dry Manure

The Indiana Department of Environmental Management (IDEM) is offering guidance regarding the proper storage and management of solid or dry manure. This fact sheet is intended to inform and assist owners and operators of confined feeding operations.

Inquiries and routine compliance inspections have indicated a need for clarification of proper management techniques to assure compliance with the Confined Feeding Operation Rule.

On March 10, 2002, the new Confined Feeding Rule 327 IAC 16 went into effect, which included restrictions on handling manure at a facility and at application sites.

The new regulation restricts storage at the facility to approved manure storage structures (a barn, litter stack building or constructed pad) until removed for land application (329 IAC 16-9-1). Therefore, storing manure outside at the production site is prohibited, unless such storage was specifically requested in plans submitted to the department and approved in the facility's current approval letter. If operations believe they have an adequate outside storage area that was not previously approved, they may submit an application requesting approval of the storage area to the department for review.

Staging, the temporary placement of manure in a pile at the site where the manure will be land applied, has had additional requirements placed on it by the new regulations (329 IAC 16-10-3). Any manure staged at an application site for more than seventy-two (72) hours must be covered or otherwise protected to prevent run-off to surface water or infiltration to ground water.

IDEM has determined that one acceptable method to otherwise protect the staged manure is to establish berms around the pile that will protect the pile from both run-on and run-off. Berms to protect against run-on and run-off are always required when staging manure on any area with a slope greater than six percent (6%). If an operation plans to use an alternative to covering or berms to protect a manure stockpile, they should check with IDEM's Compliance Branch to ensure it will provide adequate protection.

Staging of solid manure is prohibited in any standing water or waterway. It also is prohibited to stage manure within three hundred (300) feet of water wells, surface waters of the State, or drainage inlets, including water and sediment control basins. Manure may only be staged within the setbacks if there is a man-made barrier or a natural surface gradient that contains or directs any contaminated run-off away from them.

Additionally, all manure must be properly land applied within ninety (90) days of being staged at the application site.

For further information contact:

IDEM, Office of Land Quality, Compliance Branch – 800-451-6027, ext. 308-3040

IDEM, Office of Land Quality, Permit Branch – 800-451-6027, ext. 232-8732

IDEM, Agricultural Relations – 800-451-6027, ext. 232-8587

01/07